WATER, AIR, AND SOIL POLLUTION / *Volume 160 Nos. 1–4 January 2005*

Editorial 1

S.G. XUE, Y.X. CHEN, A.J.M. BAKER, R.D. REEVES, X.H. XU and Q. LIN / Manganese Uptake and Accumulation by Two Populations of *Phytolacca acinosa* Roxb. (Phytolaccaceae) 3–14

E. MEERS, D.P.L. ROUSSEAU, N. BLOMME, E. LESAGE, G. DU LAING, F.M.G. TACK and M.G. VERLOO / Tertiary Treatment of the Liquid Fraction of Pig Manure with *Phragmites australis* 15–26

J. VIRKUTYTE, E. VELIZAROVA, A.B. RIBEIRO and M. SILLANPÄÄ / Copper and Chromium Electrodialytic Migration in CCA-Treated Timber Waste 27–39

A.R. JACOBSON, S. KLITZKE, M.B. McBRIDE, P. BAVEYE and T.S. STEENHUIS / The Desorption of Silver and Thallium from Soils in the Presence of a Chelating Resin with Thiol Functional Groups 41–54

K.W.J. WILLIARD, D.R. DEWALLE and P.J. EDWARDS / Influence of Bedrock Geology and Tree Species Composition on Stream Nitrate Concentrations in Mid-Appalachian Forested Watersheds 55–76

J.D. WHITELEY / Seasonal Variability of Platinum, Palladium and Rhodium (PGE) Levels in Road Dusts and Roadside Soils, Perth, Western Australia 77–93

P. KAROLEWSKI, M.J. GIERTYCH, J. OLEKSYN and R. ŻYTKOWIAK / Differential Reaction of *Pinus Sylvestris*, *Quercus Robur* and *Q. Petraea* Trees to Nitrogen and Sulfur Pollution 95–108

R.D. YANAI, R.P. PHILLIPS, M.A. ARTHUR, T.G. SICCAMA and E.N. HANE / Spatial and Temporal Variation in Calcium and Aluminum in Northern Hardwood Forest Floors 109–118

A. ELMI, A. MADANI, R. GORDON, P. MACDONALD and G.W. STRATTON / Nitrate Nitrogen in the Soil Profile and Drainage Water as Influenced by Manure and Mineral Fertilizer Application in a Barley–Carrot Production System 119–132

L.M. SHUMAN / Normal and Flush Irrigation Effects on Phosphorus Leaching from Simulated Golf Greens in the Greenhouse 133–144

E. VIKE / Uptake, Deposition and Wash off of Fluoride and Aluminium in Plant Foliage in the Vicinity of an Aluminium Smelter in Norway 145–159

C. CHAGUÉ-GOFF / Assessing the Removal Efficiency of Zn, Cu, Fe and Pb in a Treatment Wetland Using Selective Sequential Extraction: A Case Study 161–179

L. DALSTEIN and N. VAS / Ozone Concentrations and Ozone-Induced Symptoms on Coastal and Alpine Mediterranean Pines in Southern France 181–195

S. KHAN / Modification of Ozone Effects on Photosynthetic Capacity of Winter Wheat (*Triticum Aestivum* L. cv. Perlo) at Different Levels of Water Availability 197–211

G. MANGANI, A. BERLONI, F. BELLUCCI, F. TATÀNO and M. MAIONE / Evaluation of the Pollutant Content in Road Runoff First Flush Waters 213–228

P.M. GLIBERT, T.M. TRICE, B. MICHAEL and L. LANE / Urea in the Tributaries of the Chesapeake and Coastal Bays of Maryland 229–243

M. ELUMALAI, C. ANTUNES and L. GUILHERMINO / Alterations of Reproductive Parameters in the Crab *Carcinus Maenas* after Exposure to Metals 245–258

N. MÉNDEZ / Effects of Teflubenzuron on Larvae and Juveniles of the Polychaete *Capitella* sp. B from Barcelona, Spain 259–269

A. SCHULTE-RENTROP, M. COSTA-CABRAL and R. VINK / Modelling the Overland Transport of Lead Deposited from the Atmosphere in the Elbe Catchment over Four Decades (1958–1995) 271–291

B. HONG, D.P. SWANEY, P.B. WOODBURY and D.A. WEINSTEIN / Long-Term Nitrate Export Pattern from Hubbard Brook Watershed 6 Driven by Climatic Variation 293–326

J.G. SHIBER / Arsenic in Domestic Well Water and Health in Central Appalachia, USA 327–341

L.Q. MA, Y. DONG and Q. Zhou / Relation of Relative Colloid Stability Ratio and Colloid Release in Two Lead-Contaminated Soils 343–355
J.-Y. SUH and G.F. BIRCH / Use of Grain-Size and Elemental Normalization in the Interpretation of Trace Metal Concentrations in Soils of the Reclaimed Area Adjoining Port Jackson, Sydney, Australia 357–371
M. AIKAWA, T. HIRAKI, M. SHOGA and M. TAMAKI / Chemistry of Fog Water Collected in the Mt. Rokko Area (Kobe City, Japan) Between April 1997 and March 2001 373–393

Online First
Immediately Online
www.springerlink.com
Faster publication!